CLAIMS

1.     A recording medium cassette recognition method for recognizing a recording medium cassette contained in a storage position of a magazine insertable/removable into/from a data library device casing provided in a data library device, the magazine having a plurality of recording medium cassette storage positions linearly arranged in a longitudinal direction, the data library device picking up a target recording medium cassette from the magazine and setting the target recording medium cassette into a drive,

the method comprising:

detecting insertion of the magazine into the data library device casing and starting suction of the magazine toward a deep end of the data library device casing;

reading an identification code recorded on the recording medium cassette at a timing when the cassette passes a read area of a read device arranged on the data library device casing, and storing the identification code in correspondence with the storage position; and

transferring the recording medium cassette between the magazine and the drive according to the stored data.

2.     A data library device comprising:

a data library device casing including

a magazine having a plurality of storage positions for recording medium cassettes, the storage positions being formed linearly in a longitudinal direction,

a drive for setting a recording medium cassette therein, the recording medium cassette having been picked up from one of the storage positions of the magazine,

a picker for transferring the recording medium cassette between the magazine and the drive, and

a drive device for allowing the magazine to move to the storage position of the target recording medium cassette by means of the picker; and

a controller for detecting insertion of the magazine into the data library device casing to issue, to the drive device, a command for starting movement of the magazine toward a deep end of the data library device casing, for reading an identification code recorded on the recording medium cassette passing a read area of a read device provided on the data library device casing, and for storing the identification code in correspondence with the storage position.

3.    The data library device according to claim 2, wherein the read device is provided on the picker.